

<b>0010/PTO</b> Rev. 6/95  <b>U.S. Department of Commerce</b> Patent and Trademark Office  <b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b>  <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing      OR <input type="checkbox"/> Declaration Submitted after Initial Filing	Attorney Docket Number	2723
	First Named Inventor	Reena Premi
	COMPLETE IF KNOWN	
	Application Number	Not yet assigned
	Filing Date	On Even Date Herewith
	Group Art Unit	Unknown
	Examiner Name	Unknown

As a below named inventor, I hereby declare that:  
My residence, post office address, and citizenship are as stated below next to my name.  
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEM AND METHODS FOR 2-TAP / 3-TAP FLICKER FILTERING**

the specification of which (Title of the Invention)  
☒ is attached hereto  
OR  
☐ was filed on (MM/DD/YYYY) [ ] as United States Application Number or PCT International Application Number [ ] and was amended on (MM/DD/YYYY) [ ] (if applicable).  
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.  
I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations. § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 385(b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority	Certified Copy Attached?	
			Not Claimed	YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority sheet attached hereto:

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental sheet attached hereto.

**DECLARATION**

Page 2

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority sheet attached hereto.

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Name	Registration Number	Name	Registration Number
Sanjay Prasad Albert C. Smith Michael W. Farn	36,247 20,355 41,015	Rajiv P. Patel Greg T. Sueoka	39,327 33,800

☐ Additional attorney(s) and/or agent(s) named on a supplemental sheet attached hereto.

Please direct all correspondence to:

Michael W. Farn  
Fenwick & West LLP  
Two Palo Alto Square, Suite #700  
Palo Alto, California 94306  
U.S.A.

Telephone (415) 858 - 7823

Fax (415) 494-1417

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Name of Sole or First Inventor:**

☐ A petition has been filed for this unsigned inventor

Given Name	Reena	Middle Initial		Family Name	Premi	Suffix e.g. Jr.	
------------	-------	----------------	--	-------------	-------	-----------------	--

Inventor's Signature	Reena Premi	Date	10/31/97
----------------------	-------------	------	----------

Residence: City	Santa Clara	State	CA	Country	U.S.A.	Citizenship	India
-----------------	-------------	-------	----	---------	--------	-------------	-------

Mailing Address	2200 Agnew Road #211
-----------------	----------------------

Mailing Address	
-----------------	--

City	Santa Clara	State	CA	Zip	95054	Country	U.S.A.
------	-------------	-------	----	-----	-------	---------	--------

☒ Additional inventors are being named on supplemental sheet(s) attached hereto

DECLARATION

DECLARATION					ADDITIONAL INVENTOR(S) Supplemental Sheet				
<b>Name of Additional Joint Inventor, if any:</b>					<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name	William		Middle Initial	S.	Family Name	Herz		Suffix e.g. Jr.	
Inventor's Signature	William S. Herz				Date	11/11/97			
Residence: City	Newark		State	CA	Country	U.S.A.		Citizenship	U.S.A.
Mailing Address	39708 Potrero Drive								
Mailing Address									
City	Newark		State	CA	Zip	94560		Country	U.S.A.
<b>Name of Additional Joint Inventor, if any:</b>					<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name	Ignatius		Middle Initial	B.	Family Name	Tjandrasuwita		Suffix e.g. Jr.	
Inventor's Signature					Date				
Residence: City	Union City		State	CA	Country	U.S.A.		Citizenship	U.S.A.
Mailing Address	32421 Seaside Drive								
Mailing Address									
City	Union City		State	CA	Zip	94587		Country	U.S.A.
<b>Name of Additional Joint Inventor, if any:</b>					<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name			Middle Initial		Family Name			Suffix e.g. Jr.	
Inventor's Signature					Date				
Residence: City			State		Country			Citizenship	
Mailing Address									
Mailing Address									
City			State		Zip			Country	
<b>Name of Additional Joint Inventor, if any:</b>					<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name			Middle Initial		Family Name			Suffix e.g. Jr.	
Inventor's Signature					Date				
Residence: City			State		Country			Citizenship	
Mailing Address									
Mailing Address									
City			State		Zip			Country	

DECLARATION					ADDITIONAL INVENTOR(S) Supplemental Sheet			
<b>Name of Additional Joint Inventor, if any:</b>					A petition has been filed for this unsigned inventor			
Given Name	William	Middle Initial	S.	Family Name	Herz	Suffix e.g. Jr.		
Inventor's Signature						Date		
Residence: City	Newark	State	CA	Country	U.S.A.	Citizenship	U.S.A.	
Mailing Address	39708 Potrero Drive							
Mailing Address								
City	Newark	State	CA	Zip	94560	Country	U.S.A.	

<b>Name of Additional Joint Inventor, if any:</b>					A petition has been filed for this unsigned inventor			
Given Name	Ignatius	Middle Initial	B.	Family Name	Tjandrasuwita	Suffix e.g. Jr.		
Inventor's Signature						Date		
Residence: City	Union City	State	CA	Country	U.S.A.	Citizenship	U.S.A.	
Mailing Address	32421 Seaside Drive							
Mailing Address								
City	Union City	State	CA	Zip	94587	Country	U.S.A.	

<b>Name of Additional Joint Inventor, if any:</b>					A petition has been filed for this unsigned inventor			
Given Name		Middle Initial		Family Name		Suffix e.g. Jr.		
Inventor's Signature						Date		
Residence: City		State		Country		Citizenship		
Mailing Address								
Mailing Address								
City		State		Zip		Country		

<b>Name of Additional Joint Inventor, if any:</b>					A petition has been filed for this unsigned inventor			
Given Name		Middle Initial		Family Name		Suffix e.g. Jr.		
Inventor's Signature						Date		
Residence: City		State		Country		Citizenship		
Mailing Address								
Mailing Address								
City		State		Zip		Country		
Additional inventors are being named on supplemental sheet(s) attached hereto								

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, the persons named below (referred to as "INVENTOR" whether singular or plural) have sold, assigned, and transferred and does hereby sell, assign, and transfer to S3 Incorporated, a Delaware corporation, having a place of business at 2801 Mission College Boulevard, Santa Clara, CA 95052-8058 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the application for United States Letters Patent entitled: **"System and Methods for 2-Tap / 3-Tap Flicker Filtering"** ("APPLICATION"), which:

☐ is to be filed herewith

☒ was filed on November 13, 1997, now bearing U.S. serial number 08/969,637 and for which a Declaration was executed by INVENTOR on the date(s) below; and

2. The entire worldwide right, title, and interest in and to:

(a) the APPLICATION, including any right of priority; (b) any divisional, continuation, substitute, renewal, reissue, and other related applications which have been or may be filed in the United States or elsewhere in the world; and (c) any patents which may be granted on the applications set forth in (a) and (b) above.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
Reena Premi	_____, 1997	_____, 1997
William S. Herz	_____, 1997	_____, 1997
Ignatius B. Tjandrasuwita	_____, 1998	_____, 1998



Title of Document: ASSIGNMENT

Re:

Title:

System and Methods for 2-Tap / 3-Tap Flicker Filtering

Filed: (if applicable)

Serial No.: (if applicable)

State of California

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_ personally  
[DATE] [NOTARY PUBLIC]

appeared Reena Premi personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

State of California

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_ personally  
[DATE] [NOTARY PUBLIC]

appeared William S. Herz personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

State of California

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_ personally  
[DATE] [NOTARY PUBLIC]

appeared Ignatius B. Tjandrasuwita personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

